

ASTRAZENECA AB

5

&lt;120&gt; DIAGNOSTIC METHOD

<130> LD SG/70675

10

<140>

<141>

<150> GB0004232.5

<151> 2000-02-24

15

<160> 24

&lt;170&gt; PatentIn Ver. 2.1

20

<210> 1

<211> 1073

<212> DNA

<213> Human

25

<400> 1

gggtttactt	tgcacattct	tgtttttcct	atatatgtag	aaaagccaca	gtgcgcccca	60
ctgttgcccc	atatgtaata	tatattcctg	cttatacaag	atggccatgg	gaagtatttt	120
ttagtcattg	tttgaatga	ctttataaaa	atgctttgca	tttttttagca	agaccatcat	180
ataattgttt	aagatcaagt	acaacacata	aggtcactgg	agaatttgag	tgcattgttat	240
ccaagatagg	atggtagagc	tcacattaca	gaaatgtagt	gtgggaatag	taaggagtcg	300
tttaatagaa	attgcacacc	taagtgtgat	gagtgtatgt	gaatgtggag	aagtactttc	360
tgcacctggc	cacacagttt	caaccaaattg	atcccnaaat	aaaacagtgg	atgttaacgg	420
aatatctagg	atttgtaaag	ttgtttttctt	ctcgatgact	ttgagatctc	tttattttctc	480
agtccttctc	tgaaataaag	actgactacc	tatcaattat	aatggacca	gatgaagttc	540
ctttggatga	gcagtgtgag	cggctccctt	atgatgccag	caagtgggag	tttgcccggg	600
agagacttaa	actgggtaag	atattttgttc	aacagattca	taaacctata	ctgagcacat	660
attacatgaa	aaacactgtg	ctttgagaga	tgcgaaagta	aactagacct	gggatttctac	720
cctccagctg	ctcacagact	agcaaggggag	atggacacaa	aagtaaataa	ttccaatgca	780
atgctcagat	aacagtacaa	ggtgacacgc	agcacctgtt	tgttcttgca	acagttatta	840
ggcaccttct	ctgagcagca	gacactggtc	taagccctgg	agacacaaaag	gtgcttgcat	900
ctcttccctc	aaagggctca	gtctggagat	aggtgcaaaa	gtggtaagtg	aagggggggcg	960
qagagagaaq	cattacaagt	acacgcacgc	ttcataatga	aactgttgag	ggattagaaa	1020

tatgtgatcc agaacataat tgaggggtggc aaggaacagt gaaatcaaca ttc

1073

&lt;210&gt; 2

5 &lt;211&gt; 1480

&lt;212&gt; DNA

&lt;213&gt; Human

&lt;400&gt; 2

10 cactgtgccc ggccagcttt gctatattt agctgcatgt gaatttgatt actttacttc 60  
 tctgaacctg tttctccatg tataaataag aactacttcg taaaattggt ggaaacacta 120  
 aacaagaaat gnacctaaag cttttaatat accagctcac acagagtaag cattcagtaa 180  
 ataccacca ctcttaattt ttttttttta tctgatctaa gatgctgtct agaagcccag 240  
 gcaagagcac aatagactct gcaactccag aggtagtcag gctcctggac accgtagggc 300  
 15 ccctgtgcta gttcacgacg cattttgaga agtgaaacgc tctcatttct catcaggcna 360  
 ttgccagttg agggactggg ttcccnctgc tgtgctggag ctccctttca cctgggtcct 420  
 tttcgggtctc ttcaaaggat gcagcactac acatggagcc taagaaagaa aaaatggagc 480  
 caggcctgga acaaggcaag aaaccaagac tagatagcgt caccagcagc gaaagctttg 540  
 cgagctccgg ctttcaggaa gataaaagtc tgagtgatgt tgaggaagag gagggtaggt 600  
 20 attaatctct tcctgtccta cgcgctgaga tatttttaca acatactatg catctctgaa 660  
 atttttttct tatattatcac tctaataaac atccgtggga gactogaatg gtaatgtcct 720  
 gaggagataa gatattgaatt aagataattt acagagttac taattttgac agggaactgt 780  
 accgttttct cccctcaggg attttcatct taatggatca tccccctgcc cccatgcttg 840  
 gataaagtgg gctggaggcc tggaaaaatc tctggtgttc atgttgaaac tcaaatactc 900  
 25 ttaaaaatga actctgatct acttggtggg ttgttttatg ttttgctaac attgttccaa 960  
 taaactggga tttggtggga taacaagagc cattacaaac agttacgggt ctaatgcttt 1020  
 ccagattctg acggtttcta caaggagccc atcactatgg aagatctgat ttcttacagt 1080  
 tttcaagtgg ccagaggcat ggagttcctg tcttcagaa aggtcagttc tgctgtttac 1140  
 tgtttttctt ctctgccagg gctggacaca cacctttgct ataaattcat ttttcctagt 1200  
 30 atttgctgat acctatgttc ttaaagttag aacaaacacc actgcaagtg ccttaatttg 1260  
 ccttgatatg aggagttttg agaatgagga gtcattggata ccagtggata gaacttaatt 1320  
 ctggggaaaa ctcacagggt tcagactaga caaacctggc atcggtcttc cacagtatcc 1380  
 tctggcatat tttcaaactc ggcccaaata tcagaagaca tgacttcata ggagagctac 1440  
 tattaatata gccatatagg gcctccccc aaaactgcag 1480

35

&lt;210&gt; 3

&lt;211&gt; 726

&lt;212&gt; DNA

40 &lt;213&gt; Human

&lt;400&gt; 3

10

15

20

25

30

35

40

ttagccgggt gtgggtgggtg gcacctgtag tcccagctac tcaggaggct gaggttggag 1320  
gatcacttga gcccaggaga tggaggctgc ag 1352

5 <210> 5  
<211> 1256  
<212> DNA  
<213> Human

10 <400> 5  
agtggatgtc tccaatagtc tttcctaata catcatcaac aaaagggtcag taggtagtta 60  
tagagacatc atacaacact acccaattct tccaatctg taatcacaca cacacacaaa 120  
atacaagcct ggcactagca ctogattatg ccattaaata atatttagcc gtgtagccat 180  
gccagggtcac tttgccacct cacatccttt tcagagcacc tgataaagtc ataccacttc 240  
15 cctgcacatc atttctctcc tgtgccattg ggcactcaga cgagatgatg cctccagtct 300  
ctcctacgtc tggcattctc tgatttcaca acggaccaga gtaggtccct ctgggagttt 360  
cctcaaccct acagaatgtg aattgacaac cacgggaggc agtggaatg ctgtcaggat 420  
tcccaggggt cacggcgggg agatcggggc ctcaggagtt aggtgattcc tgttgggtgtg 480  
ttggttcatc ttagctggga tatgggtgcct gtggtctcct gactcattag agctggatgc 540  
20 cttttcctgt cttgataatt ctttctgttt cttcattaga tatgtaaagc ctttcaagtt 600  
catgagcctg gaaagaatca aaacctttga agaactttta ccgaatgcc a cctccatggt 660  
tgatgtaagt cgtgaagtta aggtacctag tgcactccga tagaccctt cttcagatcc 720  
cttccaaaca ccaacgccag taatgtagta gttcttggtc agtgagggtc tggattcagg 780  
agtggctgaa atgacagtgt ggggaggact gacaactaga cctagctgtg cagaactaat 840  
25 ttgaaagtag agttccatgc actcactcca ggacccaagt ccctgcgtgg taggaattta 900  
gaccctgagg aaactccatt gtgtgtttct aagctgctta gctgtcagt atgcagcttt 960  
gctttcagag taacagagga actcccagct gtgtgggtga tgggctttgt gatgtaacag 1020  
agagcgcgtt cctgcaagca gccttgaggc tgggaggggt ccacctaagc cttatgctcc 1080  
tttcccctga gggtctacag attgaacagc tgtgttctta cccaatcaca atgggagaag 1140  
30 ctaaccagta tagcctggca aacaagaggt cttccagctc ttctctctaa agccctgtga 1200  
tgtgggggtg aggggctaag gggaggagag gagcatgggc aggagcgata ctgcag 1256

<210> 6  
35 <211> 31  
<212> DNA  
<213> Human

<400> 6  
40 ggaaaaaatg ccgacrgaag gagaggacct g

<210> 7  
<211> 31  
<212> DNA  
<213> Human

5

<400> 7  
gaaatggatg gctccygaat ctatctttga c 31

10 <210> 8  
<211> 31  
<212> DNA  
<213> Human

15 <400> 8  
tgatgatgtc agataygtaa atgctttcaa g 31

20 <210> 9  
<211> 31  
<212> DNA  
<213> Human

25 <400> 9  
aaaaagacac ggacaygctc cctggggacc t 31

30 <210> 10  
<211> 31  
<212> DNA  
<213> Human

35 <400> 10  
gatcggactt tccgcyccta gggccaggcg g 31

40 <210> 11  
<211> 31  
<212> DNA  
<213> Human

<400> 11

gacggactct ggcggycggg tctttggccg c

31

<210> 12

5 <211> 31

<212> DNA

<213> Human

<400> 12

10 tctggcggcc gggctckttgg ccgcggggag c

31

<210> 13

<211> 31

15 <212> DNA

<213> Human

<400> 13

20 gaatgtcctt tggttrgaca gccttttagat t

31

<210> 14

<211> 31

<212> DNA

25 <213> Human

<400> 14

aggtacctag tgcacyccga tagaccctt c

31

30

<210> 15

<211> 34

<212> DNA

<213> Human

35

<400> 15

atgggtttca tgtaacttg gaaaaaatgc gtac

34

40

<210> 16

<211> 28

<212> DNA

<400> 16

28

5

<210> 17

<211> 35

<212> DNA

10 <213> Human

<400> 17

35

15

<210> 18

<211> 24

<212> DNA

<213> Human

20

<400> 18

24

25

<210> 19

<211> 25

<212> DNA

<213> Human

30

<400> 19

25

<210> 20

35

<211> 25

<212> DNA

<213> Human

<400> 20

40

25

Z70675

- 8 -

<210> 21

<211> 33

<212> DNA

<213> Human

5

<400> 21

gggtgcatca atgcggccga aaaagacacg gca

33

10

<210> 22

<211> 18

<212> DNA

<213> Human

15

<400> 22

gtgttcttgg cacggagg

18

20

<210> 23

<211> 35

<212> DNA

<213> Human

25

<400> 23

ggcgcggcca gcttcccttg gatcggactt ggcgc

35

30

<210> 24

<211> 34

<212> DNA

<213> Human

35

<400> 24

ctgctcgccc ggtgcccgcg ctccccgcgg ttaa

34